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RECON® Soil-Gas and Groundwater Investigation

El Paso Natural Gas Company Sites
San Juan Basin
Farmington, New Mexico

Location Name	U-S-T-R	Meter No.	Sample I.D.	Sample Matrix	No. of		Depth	Comments
					Probe Holes	Samples		
Miles Federal No. 1E	N5-26-7	94495	MILES#1E	Groundwater	3	3	24-30	BTEX below action levels
Elliot Gas Com No. M1	I33-30-9	73147	EGC#M1	Soil-gas	3	12	3-12	BTEX below action levels
Elliot Gas Com No. S1	M33-30-9	75265	EGC#S1	Soil-gas	3	12	3-12	BTEX below action levels
Lindrith B24	N9-24-3	94967	LINDRITHB24	Groundwater	3	3	21-27	Benzene above action levels and offsite
Lindrith B23	D9-24-3	74691	LINDRITHB23	Groundwater	3	3	21-27	BTEX below action levels
Caneple Gas Com No. 1	M18-31-10	70714	CGC#1	Soil-gas	3	12	3-12	BTEX below action levels
Ohio C Gvt #3	P26-28-11	72890	OCG3	Soil-gas and Groundwater	3	3	9-17	Benzene above action levels and offsite
C3 Loop Line Drip	D28-29-9	N/A	C3LLD	Soil-gas	3	12	3-12	BTEX below action levels
San Juan Unit 28-6 #79 PM	M11-27-6	722654	SJU28679PM	Groundwater	7	7	30-36	BTEX above action levels
Hammond 41A	O25-27-8	89894	H41A	Groundwater	9	9	15-23	BTEX above action levels
U-S-T-R = Unit-Section-Township-Range								
BTEX = benzene, toluene, ethyl benzene, and xylenes								

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RECON SAMPLE ANALYSIS

DATA SUMMARY TABLE

Project: 13947

Sample I.D.	Probe Hole Number	Depth (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	m+p-Xylene (ug/L)	o-Xylene (ug/L)	Comments
Blank-12	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
Blank-13	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Probe Rod Blank
CA2-01	PH-01	3	29	130	108	357	57	Soil-gas
CA2-02	PH-01	6	14	54	67	224	40	Soil-gas
CA2-03	PH-01	9	ND(1)	12	34	136	30	Soil-gas
CA2-04	PH-01	12	ND(1)	1	3	12	3	Soil-gas
CA2-05	PH-02	3	ND(1)	7	6	18	3	Soil-gas
CA2-06	PH-02	6	ND(1)	ND(1)	ND(1)	2	ND(1)	Soil-gas
CA2-07	PH-02	9	ND(1)	ND(1)	ND(1)	2	ND(1)	Soil-gas
CA2-08	PH-02	12	ND(1)	ND(1)	ND(1)	2	ND(1)	Soil-gas
CA2-09	PH-03	3	ND(1)	ND(1)	ND(1)	3	ND(1)	Soil-gas
CA2-10	PH-03	6	ND(1)	ND(1)	ND(1)	1	ND(1)	Soil-gas
CA2-11	PH-03	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
CA2-12	PH-03	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
CA2-13	PH-04	3	ND(1)	<1	2	6	1	Soil-gas
CA2-14	PH-04	6	ND(1)	4	16	62	13	Soil-gas
CA2-15	PH-04	9	ND(1)	3	14	55	11	Soil-gas
CA2-16	PH-04	12	ND(1)	1	7	29	6	Soil-gas
CA2-16-D	PH-04	12	ND(1)	1	8	34	8	QC - Duplicate
Blank-14	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
QCRT-04	N/A	N/A	258	118 228	231	228	222	QC - Retention Times
JAC1A-01	PH-01	3	ND(1)	4	30	102	18	Soil-gas
JAC1A-02	PH-01	6	ND(1)	3	23	81	15	Soil-gas
JAC1A-03	PH-01	9	ND(1)	2	14	49	9	Soil-gas
JAC1A-04	PH-01	12	ND(1)	ND(1)	7	26	5	Soil-gas
JAC1A-05	PH-02	3	ND(1)	1	13	45	8	Soil-gas
JAC1A-06	PH-02	6	ND(1)	ND(1)	4	13	2	Soil-gas
JAC1A-07	PH-02	9	ND(1)	1	5	16	4	Soil-gas

D = duplicate analysis.

QC = quality control.

ug/L = micrograms of compound detected per liter of soil vapor analyzed.

ND = not detected at the lower quantifiable limit indicated in parenthesis.

NA = not applicable.

QA Review:

Paul Anderson/KBG

Review Date:

1-31-96

AK 2/12/96

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RECON SAMPLE ANALYSIS

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Project: 13947

Sample I.D.	Probe Hole Number	Depth (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	m+p-Xylene (ug/L)	o-Xylene (ug/L)	Comments
JAC1A-08	PH-03	12	ND(1)	ND(1)	2	7	1	Soil-gas
JAC1A-09	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
JAC1A-10	PH-03	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
JAC1A-10-D	PH-03	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
Blank-15	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
STD-1104	N/A	N/A	232	232	232	232	232	Calibration Standard
Blank-16	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
Blank-17	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Probe Rod Blank
JAC1A-11	PH-03	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
JAC1A-12	PH-03	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
FLORANCE107-01	PH-01	3	ND(1)	3	15	53	10	Soil-gas
FLORANCE107-02	PH-01	6	ND(1)	9	6	23	4	Soil-gas
FLORANCE107-03	PH-01	9	ND(1)	8	ND(1)	2	ND(1)	Soil-gas
FLORANCE107-04	PH-01	12	ND(1)	ND(1)	<1	2	<1	Soil-gas
FLORANCE107-05	PH-02	3	ND(1)	ND(1)	2	5	<1	Soil-gas
FLORANCE107-06	PH-02	6	ND(1)	ND(1)	<1	2	<1	Soil-gas
FLORANCE107-07	PH-02	9	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
FLORANCE107-08	PH-02	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
FLORANCE107-09	PH-03	3	ND(1)	ND(1)	<1	2	<1	Soil-gas
FLORANCE107-10	PH-03	6	ND(1)	ND(1)	ND(1)	1	<1	Soil-gas
FLORANCE107-11	PH-03	9	ND(1)	ND(1)	<1	2	<1	Soil-gas
FLORANCE107-12	PH-03	12	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
FLORANCE107-13	PH-04	3	ND(1)	ND(1)	<1	3	<1	Soil-gas
FLORANCE107-14	PH-04	6	ND(1)	ND(1)	3	11	2	Soil-gas
FLORANCE107-15	PH-04	9	ND(1)	ND(1)	<1	2	<1	Soil-gas
FLORANCE107-16	PH-04	12	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
FLORANCE107-17	PH-05	3	ND(1)	ND(1)	ND(1)	<1	ND(1)	Soil-gas
FLORANCE107-18	PH-05	6	ND(1)	ND(1)	ND(1)	<1	ND(1) 3	Soil-gas

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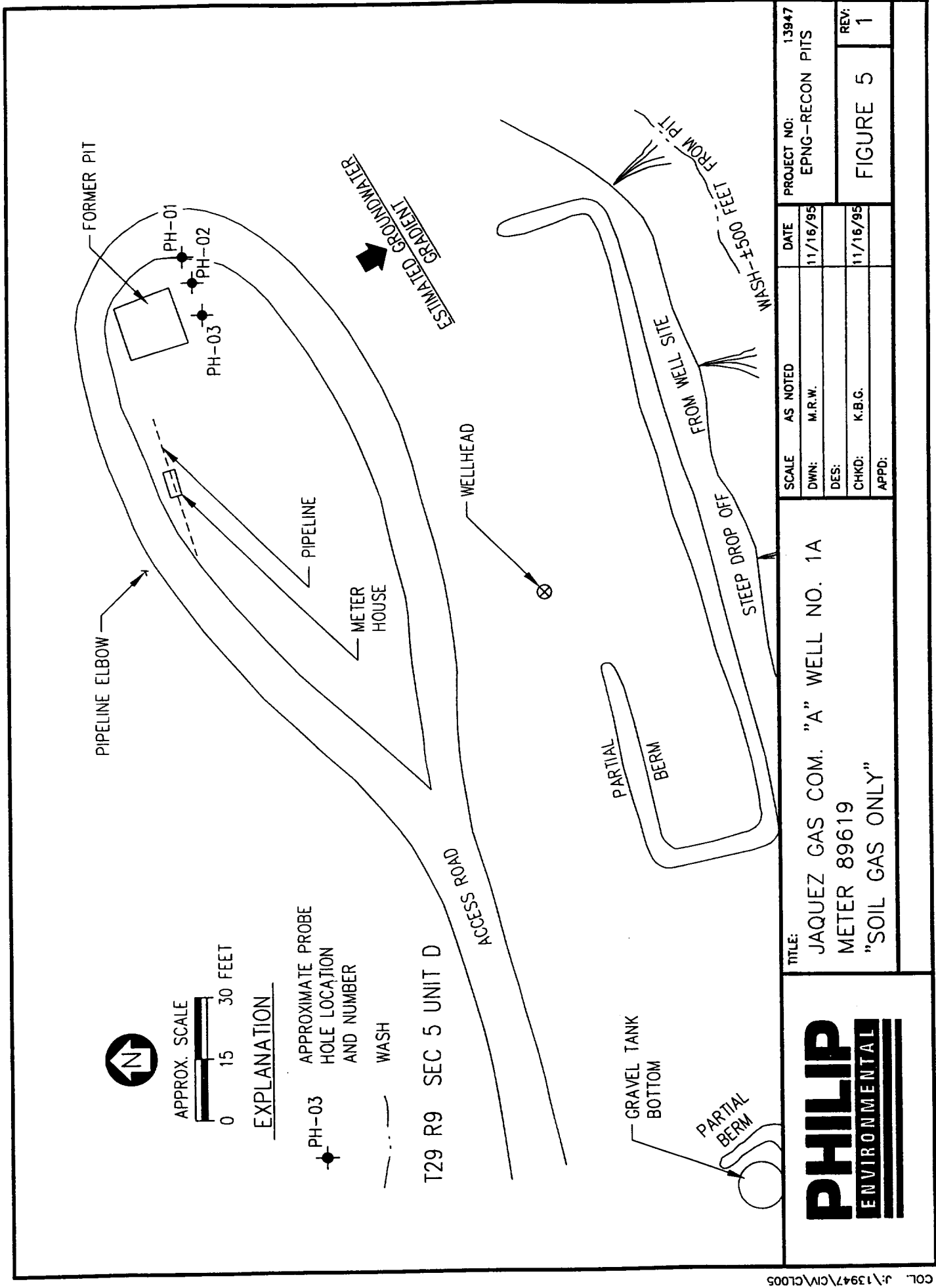
NA = not applicable.

QA Review:

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Review Date:

1-31-96 AK 2/12/96



PHILIP ENVIRONMENTAL	TITLE: JAQUEZ GAS COM. "A" WELL NO. 1A METER 89619 "SOIL GAS ONLY"					SCALE AS NOTED	DATE	PROJECT NO: EPNG-RECON PITS FIGURE 5	REV: 1
						DWN: M.R.W.	11/16/95		
						DES:			
						CHKD: K.B.G.	11/16/95		
						APPD:			